

FIG. 1a

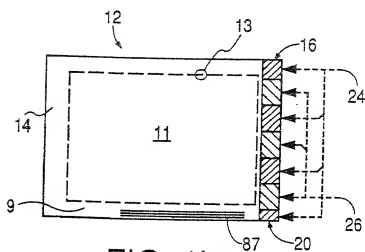


FIG. 1b

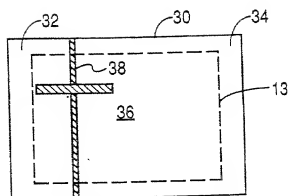


FIG. 2a

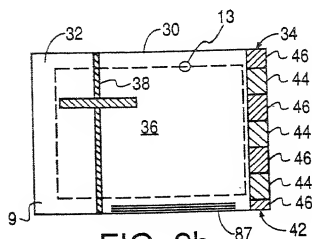


FIG. 2b

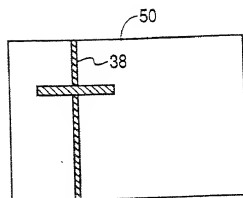


FIG. 3a

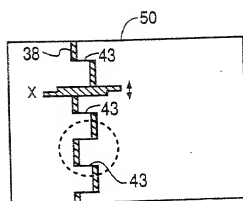


FIG. 3b

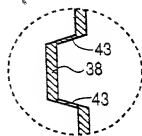


FIG. 3c

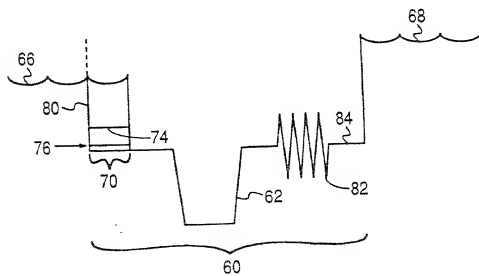


FIG. 4

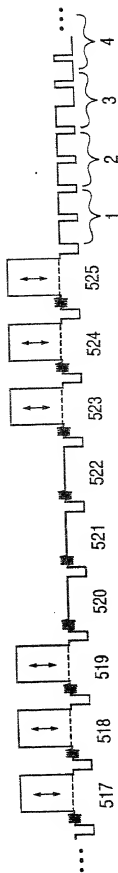


FIG. 5a

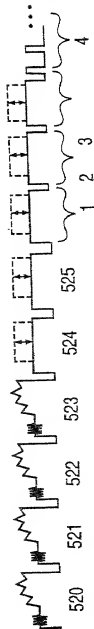


FIG. 5b

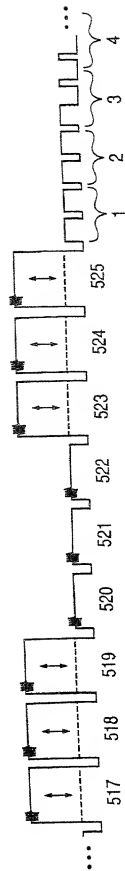


FIG. 5c

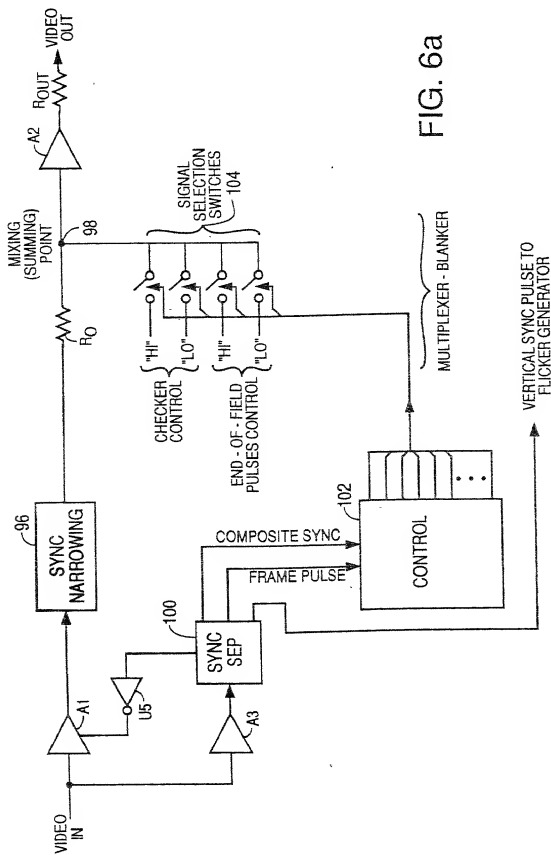


FIG. 6a

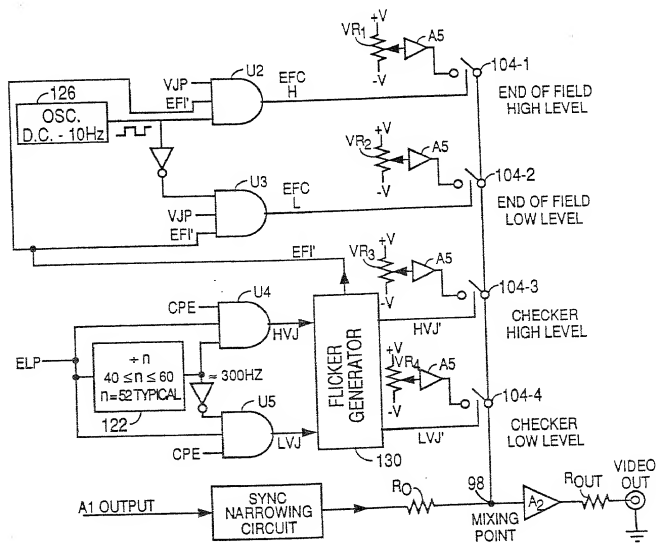
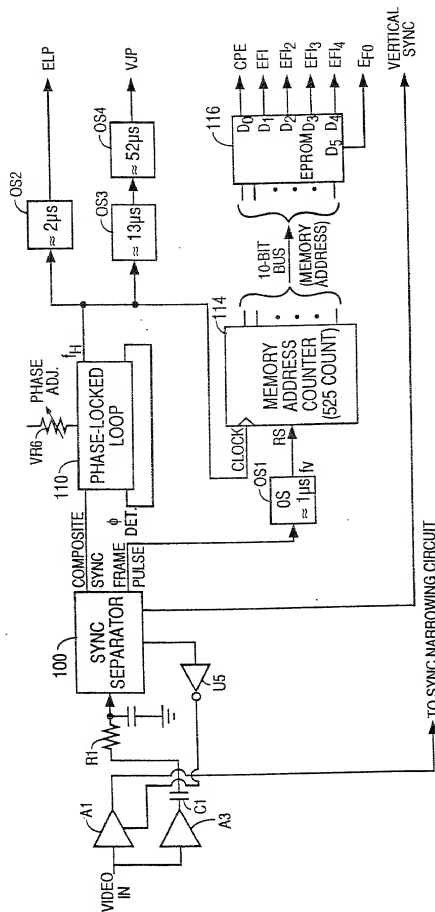


FIG. 6b



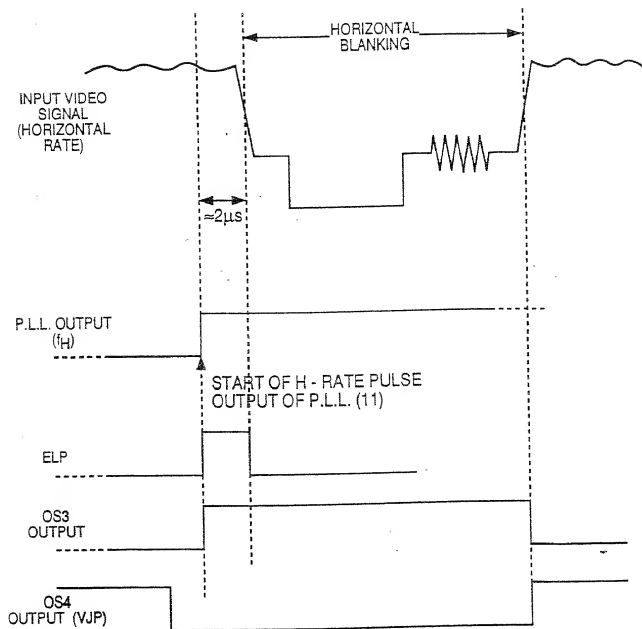


FIG. 7a

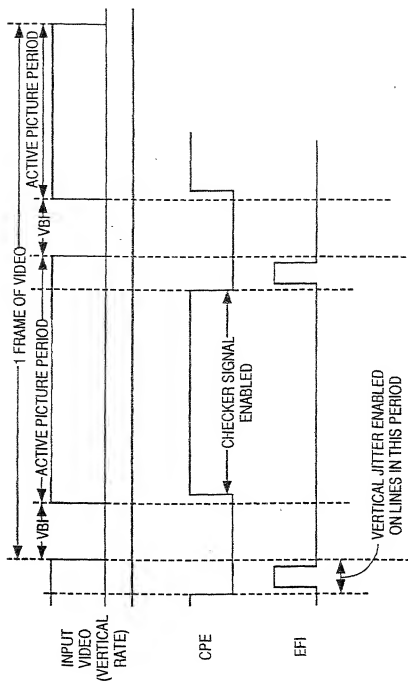


FIG. 7b

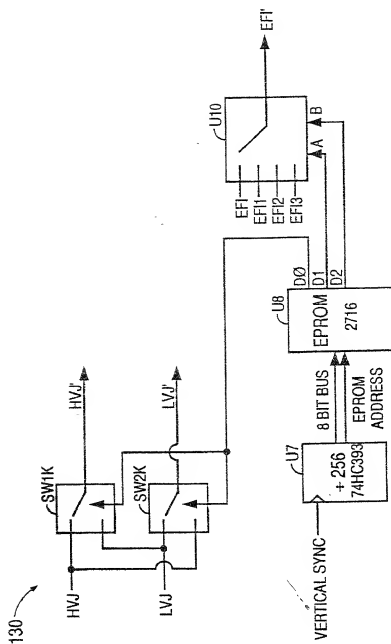


FIG. 8



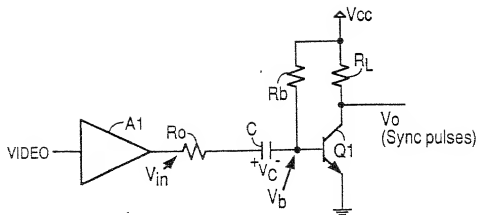


FIG. 10
(PRIOR ART)

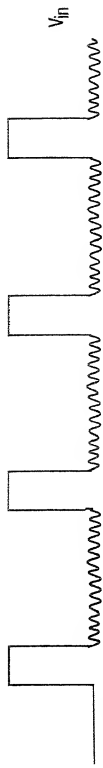


FIG. 11a

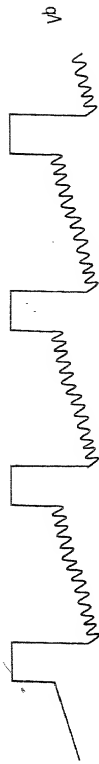


FIG. 11b

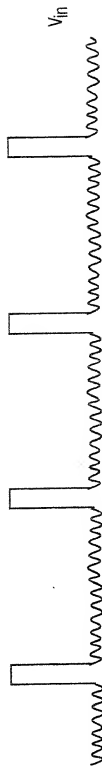


FIG. 11c



FIG. 11d



FIG. 11e



FIG. 11f



FIG. 11g



FIG. 11h

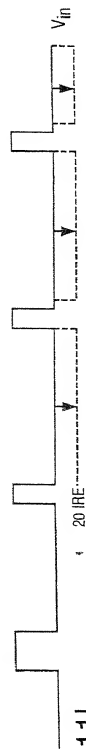
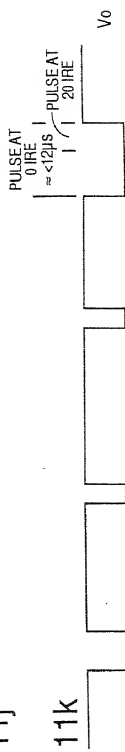
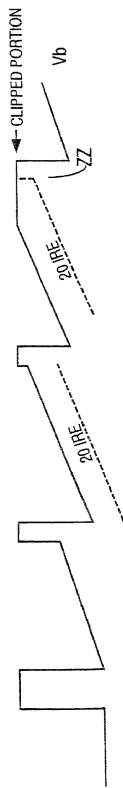
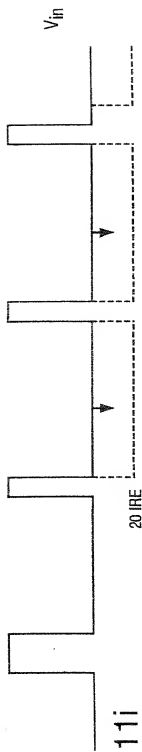




FIG. 11m

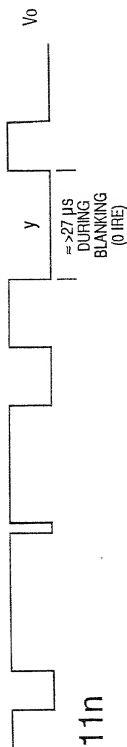


FIG. 11n



FIG. 11o

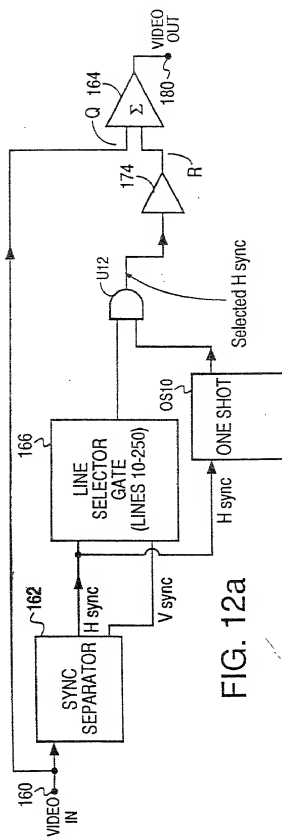


FIG. 12a

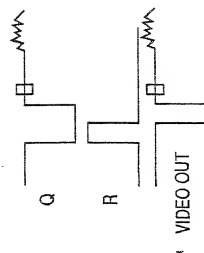
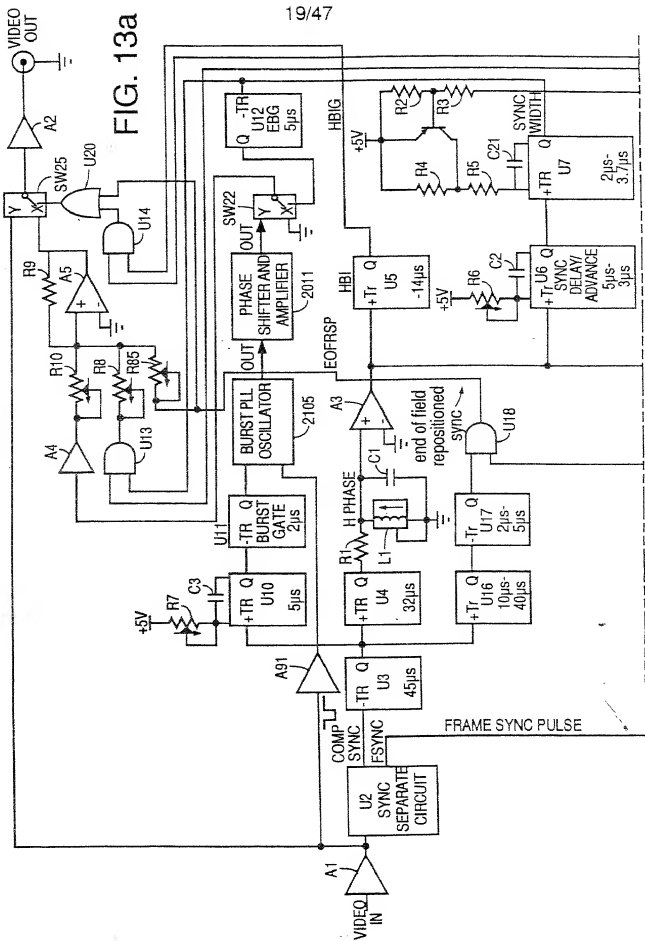


FIG. 12b

FIG. 13a



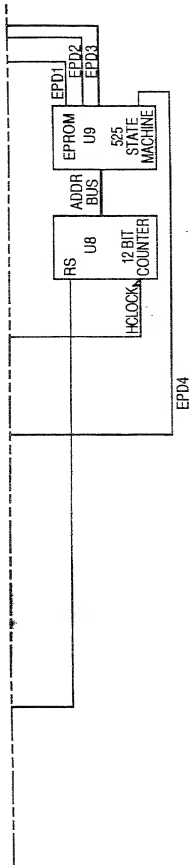


FIG. 13b

KEY TO
FIG. 13

FIG. 13a
FIG. 13b

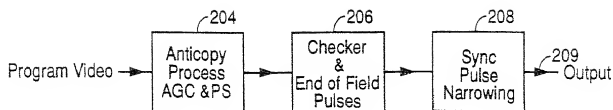


FIG. 14a

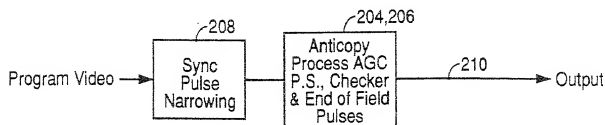


FIG. 14b

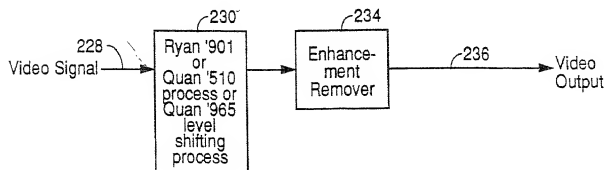
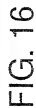


FIG. 15



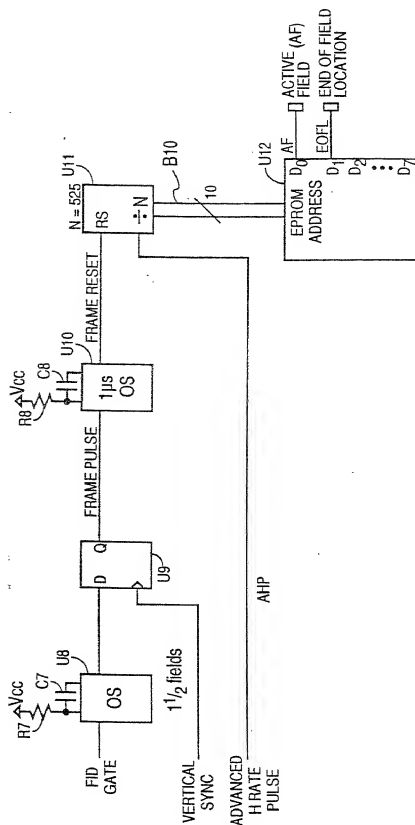


FIG. 17

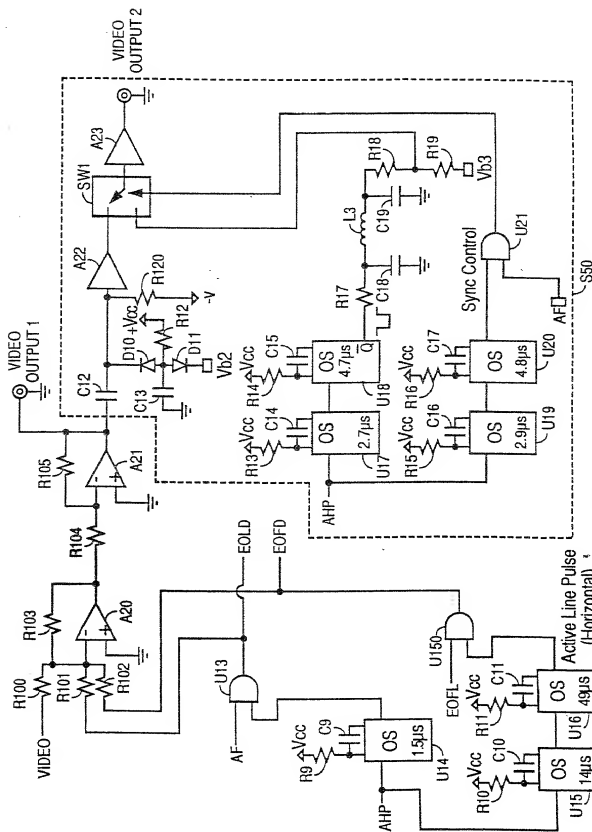
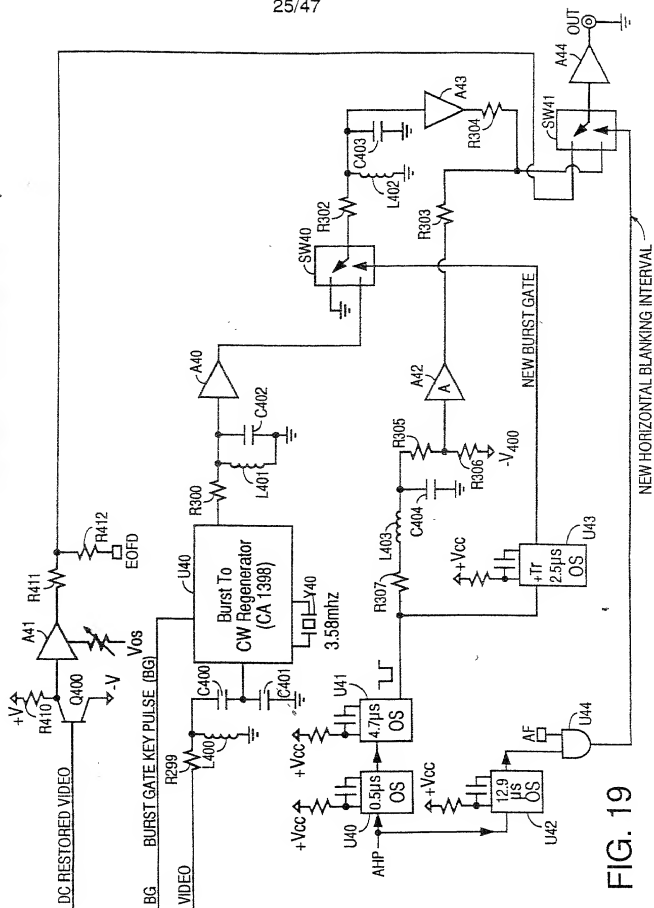


FIG. 18



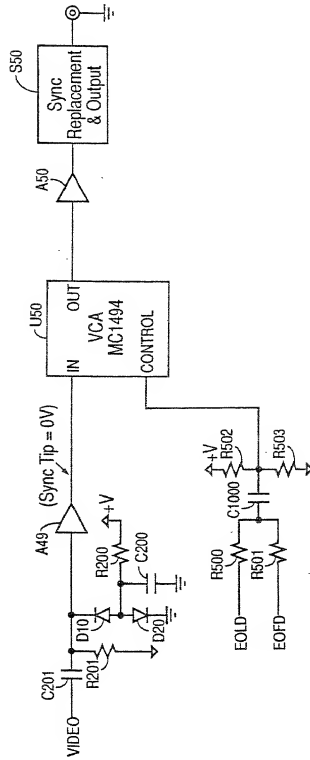


FIG. 20

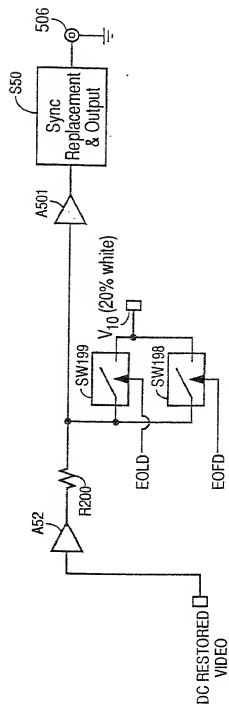


FIG. 21

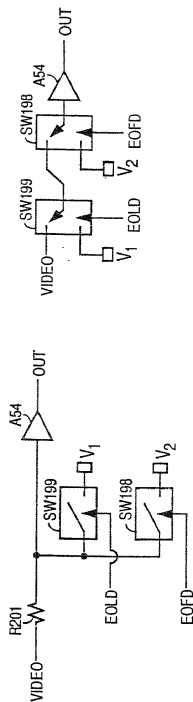


FIG. 22

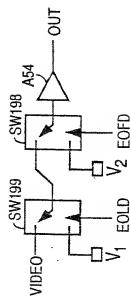


FIG. 23

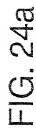


FIG. 24a

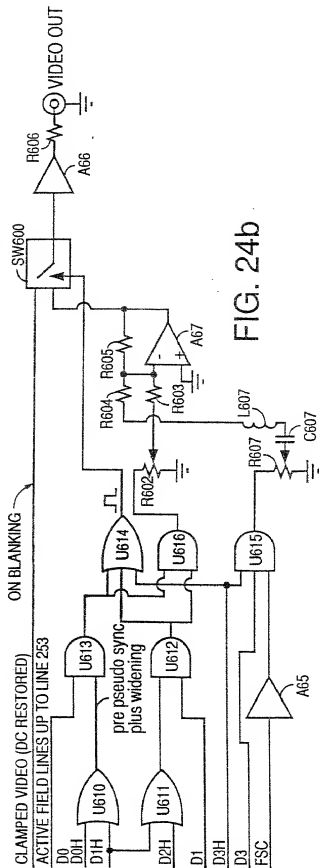


FIG. 24b

30/47



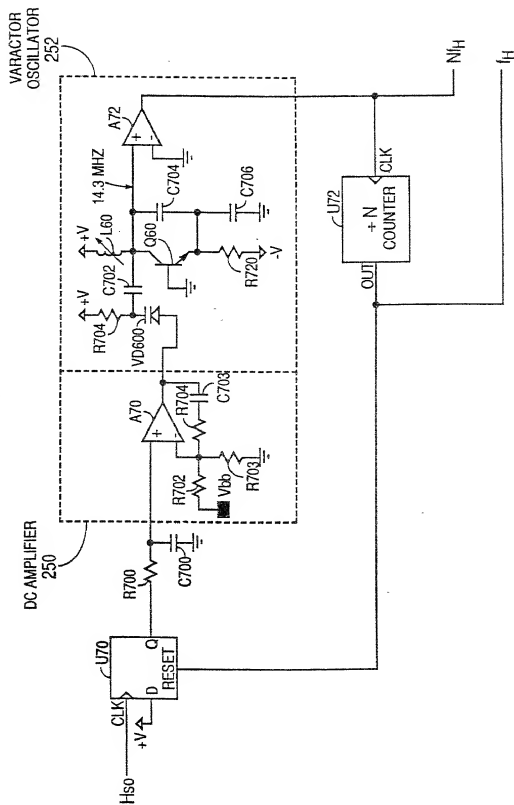


FIG. 24c

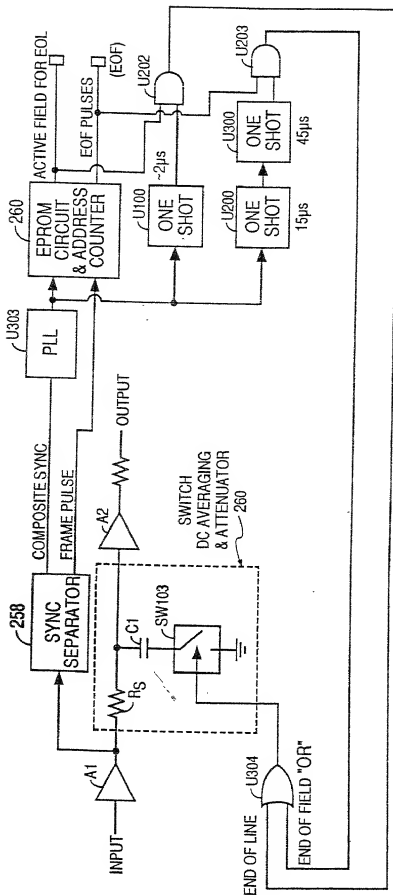




FIG. 27

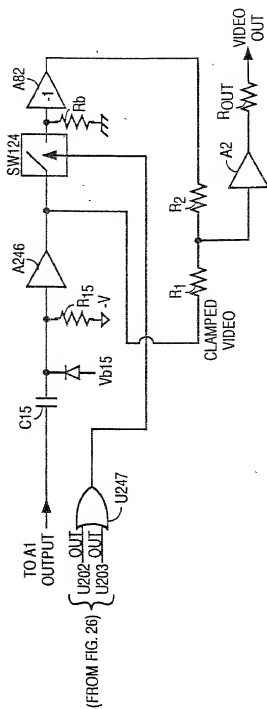


FIG. 28

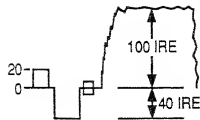


FIG. 29a

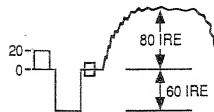


FIG. 29b

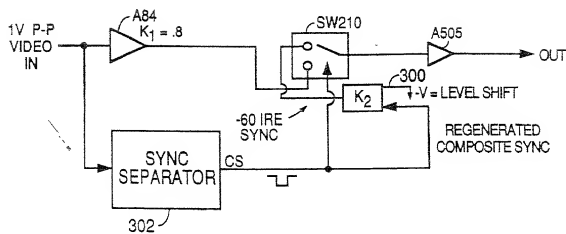


FIG. 30

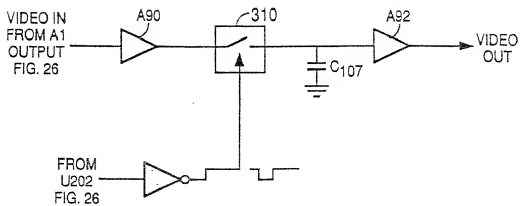


FIG. 31

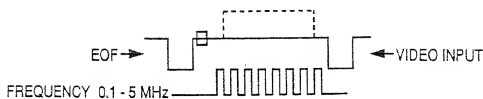


FIG. 32a

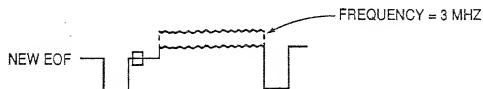


FIG. 32b

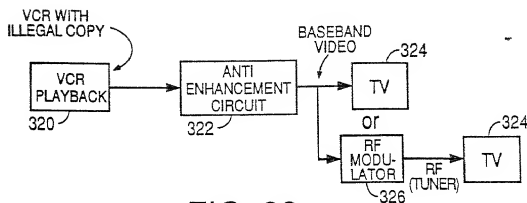


FIG. 33

FIG. 34a

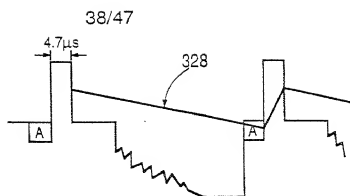


FIG. 34b

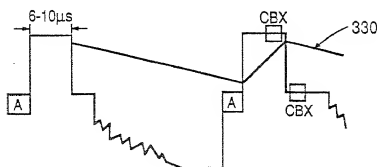


FIG. 34c

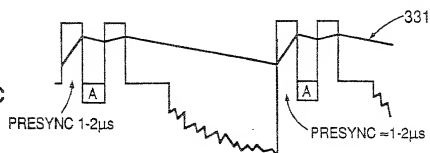


FIG. 36a

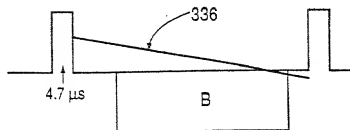


FIG. 36b

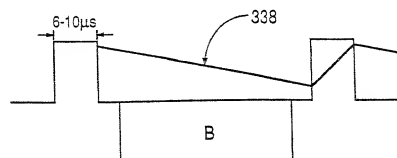


FIG. 35a

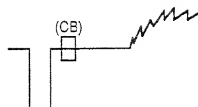


FIG. 35b

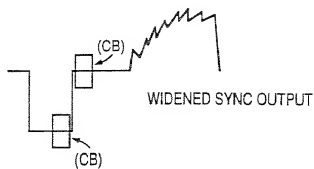
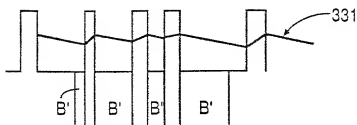


FIG. 36c



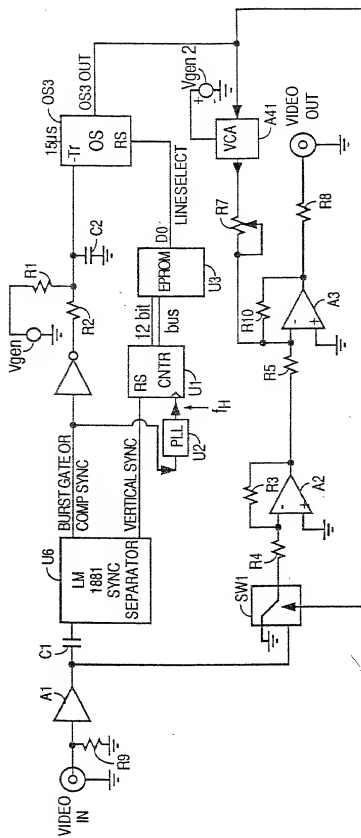


FIG. 38a

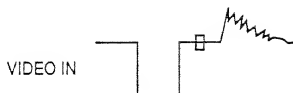


FIG. 38b



FIG. 38c



FIG. 38d

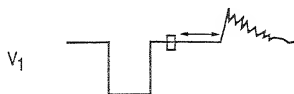


FIG. 38e

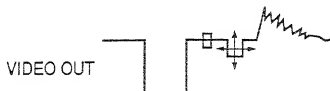


FIG. 39b

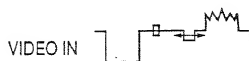


FIG. 39c



FIG. 39d



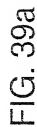


FIG. 39a

WAVEFORM
Y

FIG. 40c

WAVEFORM
Z

FIG. 40b

WAVEFORM
U

FIG. 40f

WAVEFORM
X

FIG. 40e

WAVEFORM
V

FIG. 40h

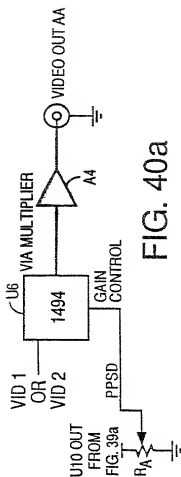


FIG. 40a

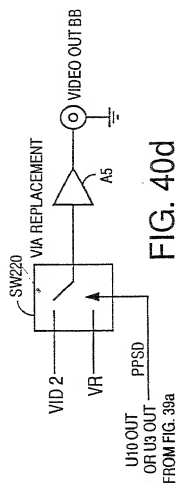


FIG. 40d

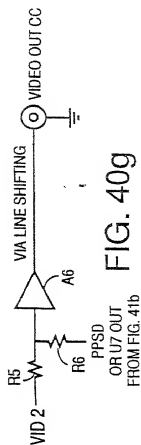


FIG. 40g

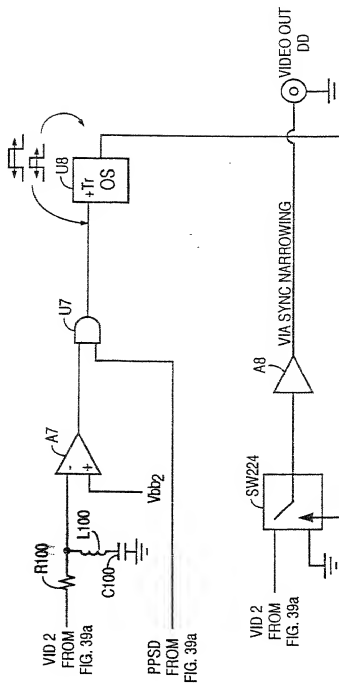


FIG. 41a



FIG. 41b

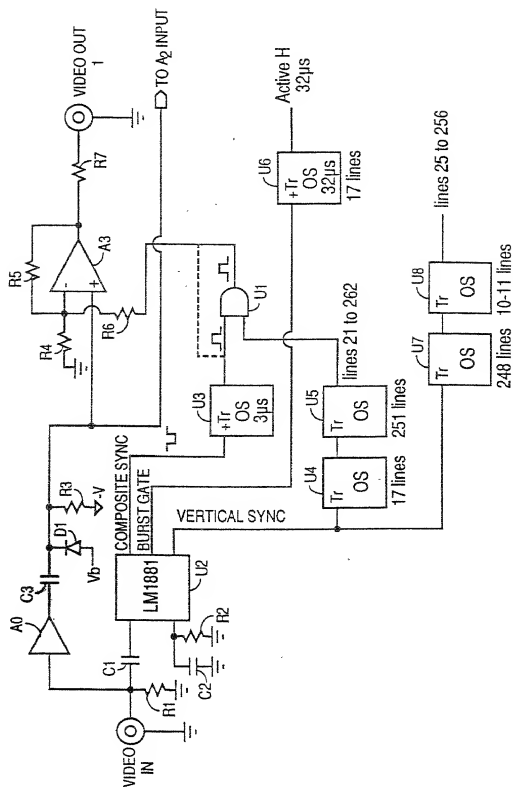


FIG. 42a

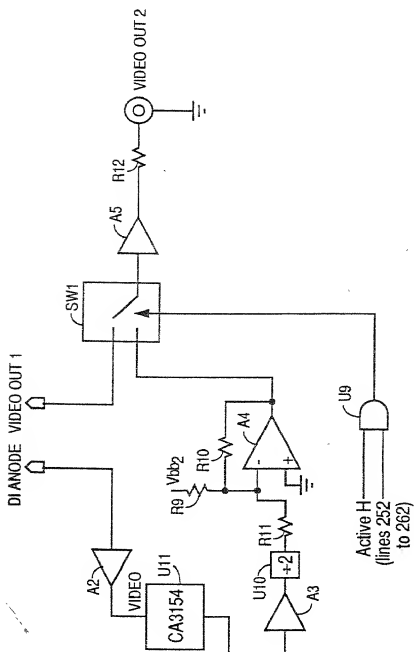
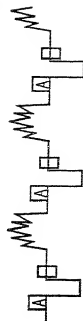


FIG. 42b

FIG. 43a



VIDEO IN

FIG. 43b

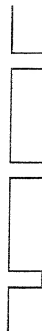


U1 OUT

FIG. 43c

VIDEO OUT 1
(ALL ACTIVE LINES)
A = EOL

FIG. 43d



BURST GATE LM 1881

FIG. 43e

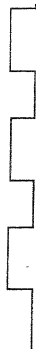
ACTIVE H LINES
(32µs)

FIG. 43f

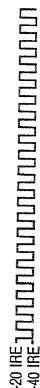
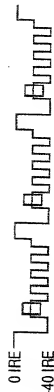
-20 IRE
-40 IRE

FIG. 43g

VIDEO 2 OUTPUT
(LAST 10-11 ACTIVE
TV LINES IN FIELD)